PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220								
10003091WO01	ACTION as		well as, where applicable, item 5 below.							
International application No.	International filing date (day/mont	ernational filing date (day/month/year) (Earliest) Priority Date (day/n								
PCT/JP2004/017670	22/11/2004		25/11/2003							
Applicant										
CANON KABUSHIKI KAISHA										
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Sea ansmitted to the International Burea	rching Auth u.	nority and is transmitted to the applicant							
This International Search Report consists	of a total of sh	eets.								
It is also accompanied by a copy of each prior art document cited in this report.										
	international search was carried ou ess otherwise Indicated under this i		sis of the international application in the							
The international this Authority (Ru		of a transl	ation of the international application furnished to							
b. With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.							
2. Certain claims were found unsearchable (See Box II).										
3. Unity of invention is lac	king (see Box III).		•							
4. With regard to the title,										
the text is approved as su	ibmitted by the applicant.									
the text has been established by this Authority to read as follows:										
SYSTEM AND METHOD FOR MEANS OF ELECTROMAGNET		OF LAYE	RS OF A MULTILAYER OBJECT BY							
F. With regard to the -between										
5. With regard to the abstract, the text is approved as su	ibmitted by the applicant.									
	• • • •	this Authori	ity as It appears in Box No. IV. The applicant							
may, within one month fro	om the date of mailing of this interna	itional sear	ch report, submit comments to this Authority.							
6. With regard to the drawings,		•								
a. the figure of the drawings to be p	published with the abstract is Figure	No2_	***							
x as suggested by	the applicant.									
	is Authority, because the applicant									
	is Authority, because this figure bet	er characte	erizes the invention.							
b none of the figures is to b	e published with the abstract.									

International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet) A system or method is adapted for counting the number of layers of a multilayer object such as a stuck of paper. An electromagnetic wave is caused to strike the surface of the multilayer object. Signals of the waves generated by reflection at the respective interfaces of the layers are evaluated to count the number of layers. Alternatively, the phase of the electromagnetic wave transmitted through the multilayer object, is evaluated to determine the number of layers. It is proposed to use frequencies from 30 GHz to 100 THz, ie. microwaves, millimeter waves and infrared waves.

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International Application No PCT/JP2004/017670

PCT/JP2004/017670 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01B15/02 G06M G06M9/00 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 GO1B G06M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication. where appropriate, of the relevant passages Relevant to daim No. Category * X PATENT ABSTRACTS OF JAPAN 6-8 vol. 007, no. 012 (M-186) 19 January 1983 (1983-01-19) & JP 57 170347 A (SHINODA SETSUKEI JIMUSHIYO:KK). 20 October 1982 (1982-10-20) 1-5,9-13 abstract PATENT ABSTRACTS OF JAPAN 1-13Α vol. 018, no. 624 (P-1833). 28 November 1994 (1994-11-28) & JP 06 241763 A (TOPPAN PRINTING CO LTD), 2 September 1994 (1994-09-02) cited in the application abstract -/--X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention 'E' earlier document but published on or after the International "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but fater than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 28 February 2005 09/03/2005 Authorized officer Name and mailing address of the ISA

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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016

Beyfuß, M

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international Application No PCT/JP2004/017670

	tion) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of docurrent, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	DE 199 22 125 A1 (BOEWE SYSTEC AG) 30 November 2000 (2000-11-30) column 3, line 59 - column 7, line 47; figures 1-5	1-13		
A	US 5 539 322 A (ZOUGHI ET AL) 23 July 1996 (1996-07-23) column 3, line 52 - column 6, line 16; figures 1-4	1-13		
A	US 3 490 037 A (ROYSON V. WILLIAMS) 13 January 1970 (1970-01-13) column 2, line 41 - column 3, line 10; figure 1	1-13		
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Information on patent family members

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